

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/JP2004/014705

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G02F1/167

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/048521 A1 (IKEDA TSUTOMU ET AL) 13 March 2003 (2003-03-13) paragraphs '0032!, '0042! - '0044! paragraphs '0048!, '0068!, '0069! paragraph '0074! figures 1,4A,4B,5A,5B	1,2,8-16
A	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 09, 30 July 1999 (1999-07-30) -& JP 11 109392 A (MATSUSHITA ELECTRIC IND CO LTD), 23 April 1999 (1999-04-23) cited in the application abstract	1-16
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the International search

14 December 2004

Date of mailing of the International search report

23/12/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>PATENT ABSTRACTS OF JAPAN  vol. 2003, no. 10,  8 October 2003 (2003-10-08)  -&amp; JP 2003 167107 A (HITACHI CHEM CO LTD),  13 June 2003 (2003-06-13)  abstract</p> <p style="text-align: center;">-----</p>	1-16

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Information on patent family members

International Application No

PCT/JP2004/014705

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2003048521	A1	13-03-2003	JP	2003161966 A	06-06-2003
JP 11109392	A	23-04-1999	NONE		
JP 2003167107	A	13-06-2003	CN	1421710 A	04-06-2003